

FIG. 1

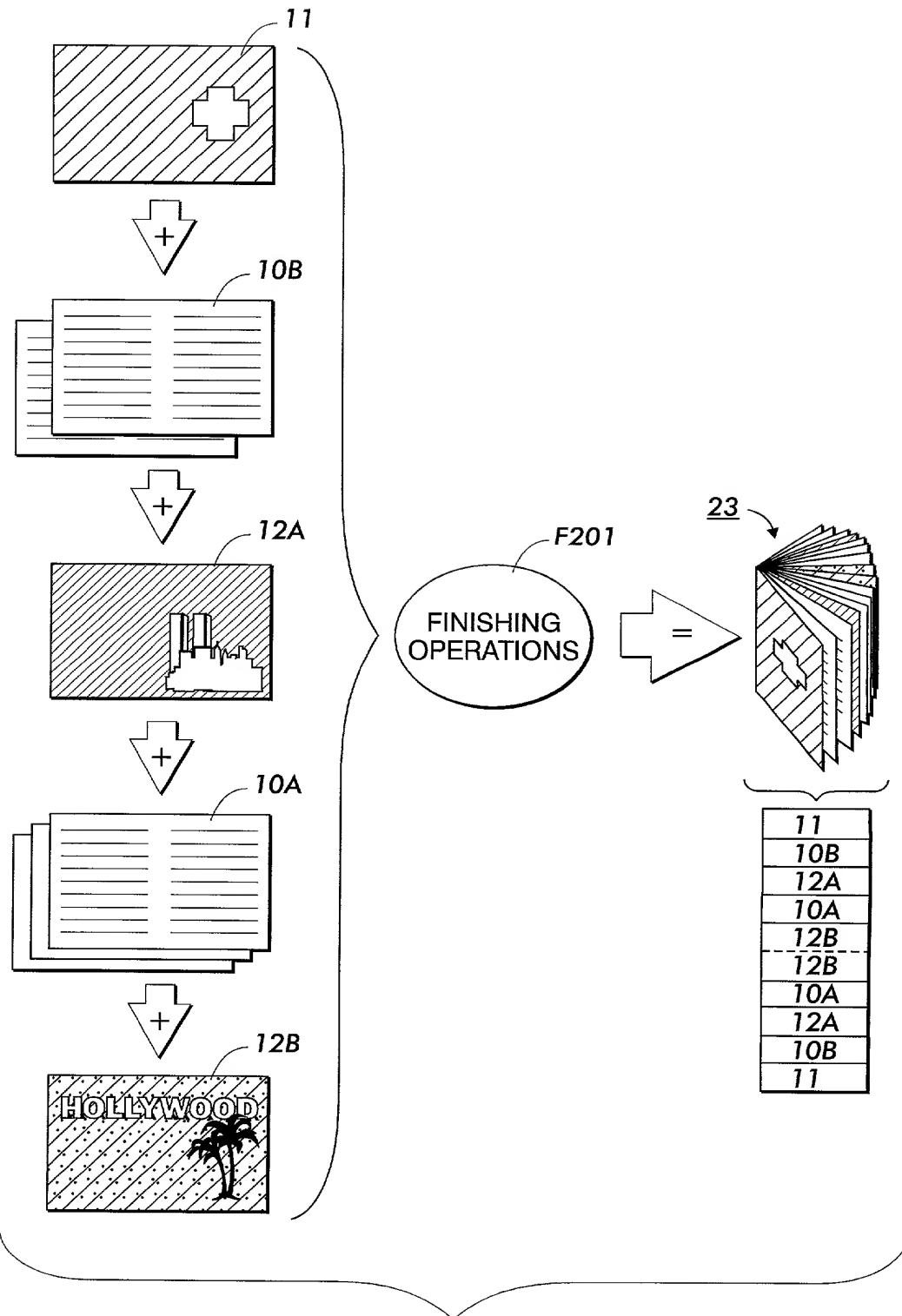


FIG. 2

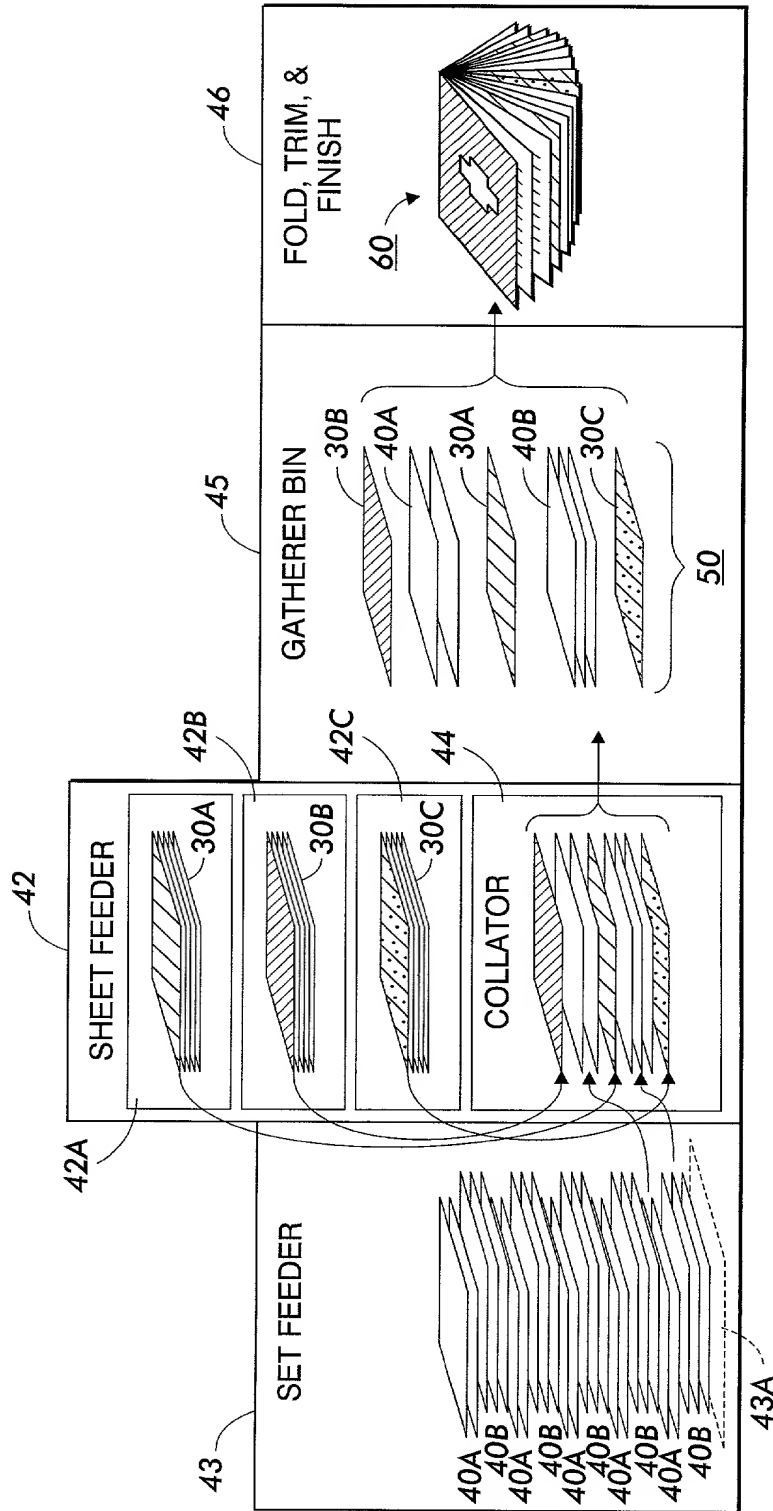


FIG. 3

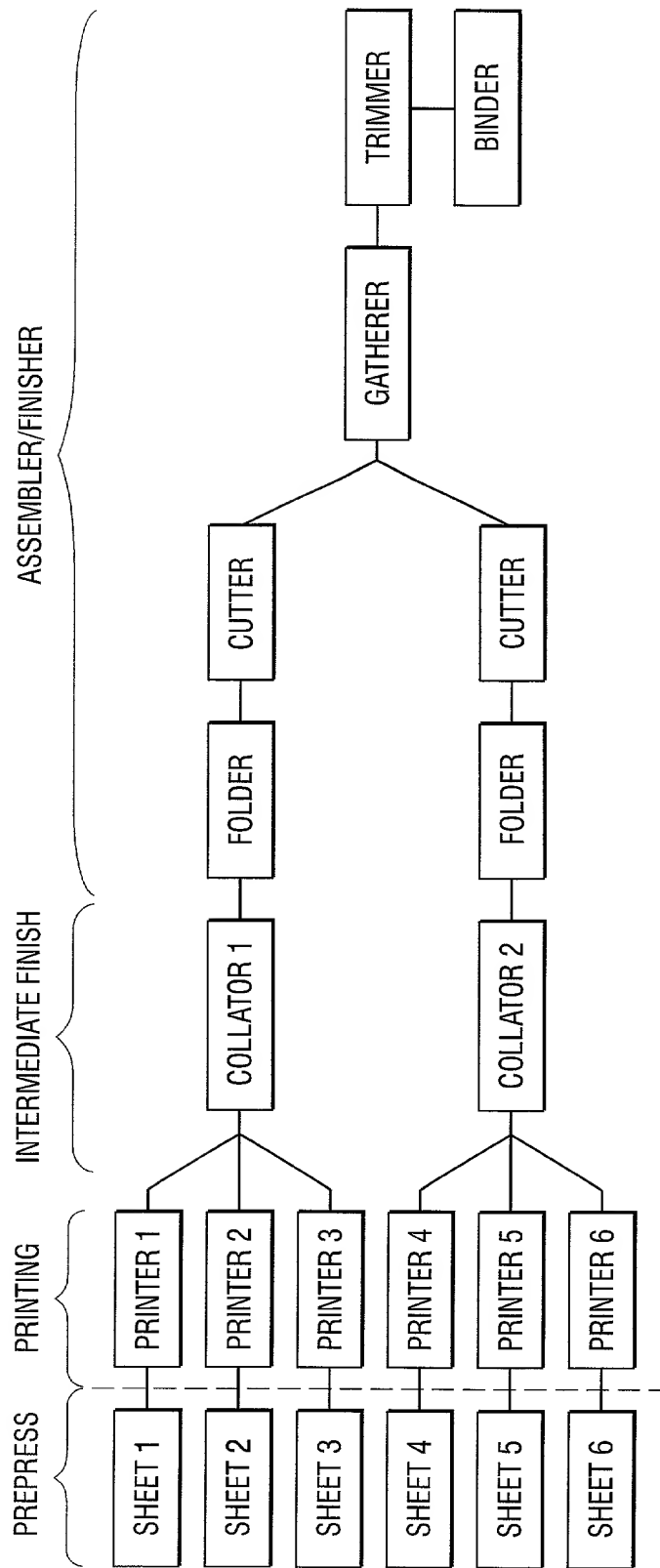


FIG. 4



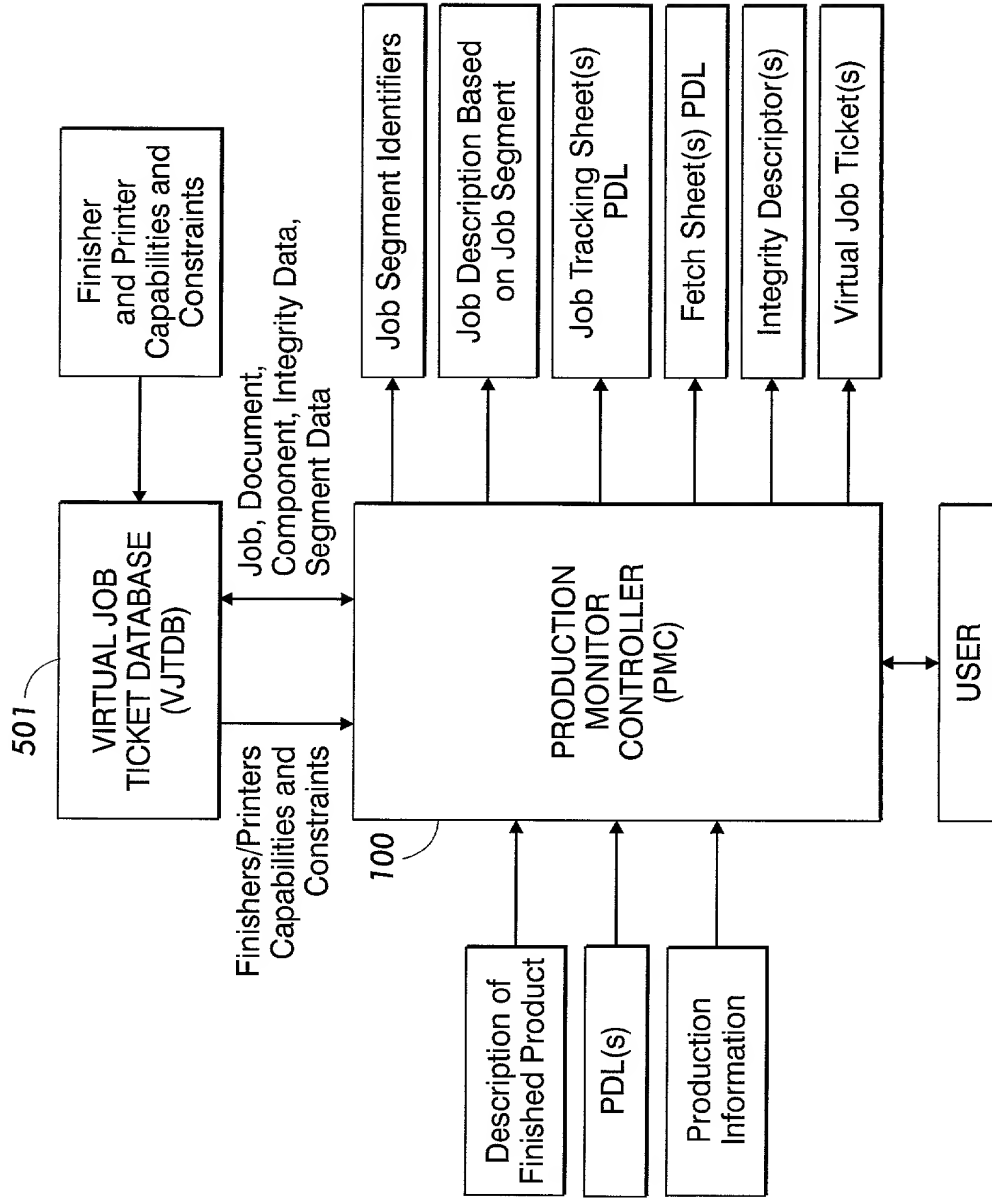
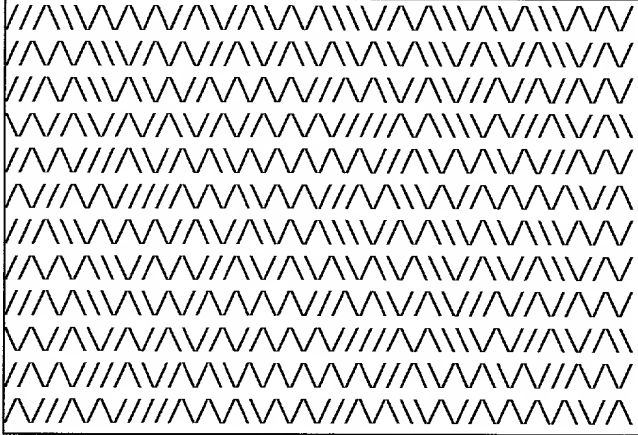


FIG. 6


JOB SEGMENT IDENTIFIER (JSI)

Job Number:	6543210
Job Segment Identifier Code:	112233
Job Name:	Example
Sub-components:	1
Sub-component 1 Name:	Cover
Finishing Operations:	3
Finishing Operation 1:	Set Feeder
Finishing Operation 2:	SBM
Finishing Operation 3:	Fold and Trim
Job Quantity:	30
Job Sheets:	20
Finished Size:	8.5 x 5.25 inches

601



602



603

FIG. 7

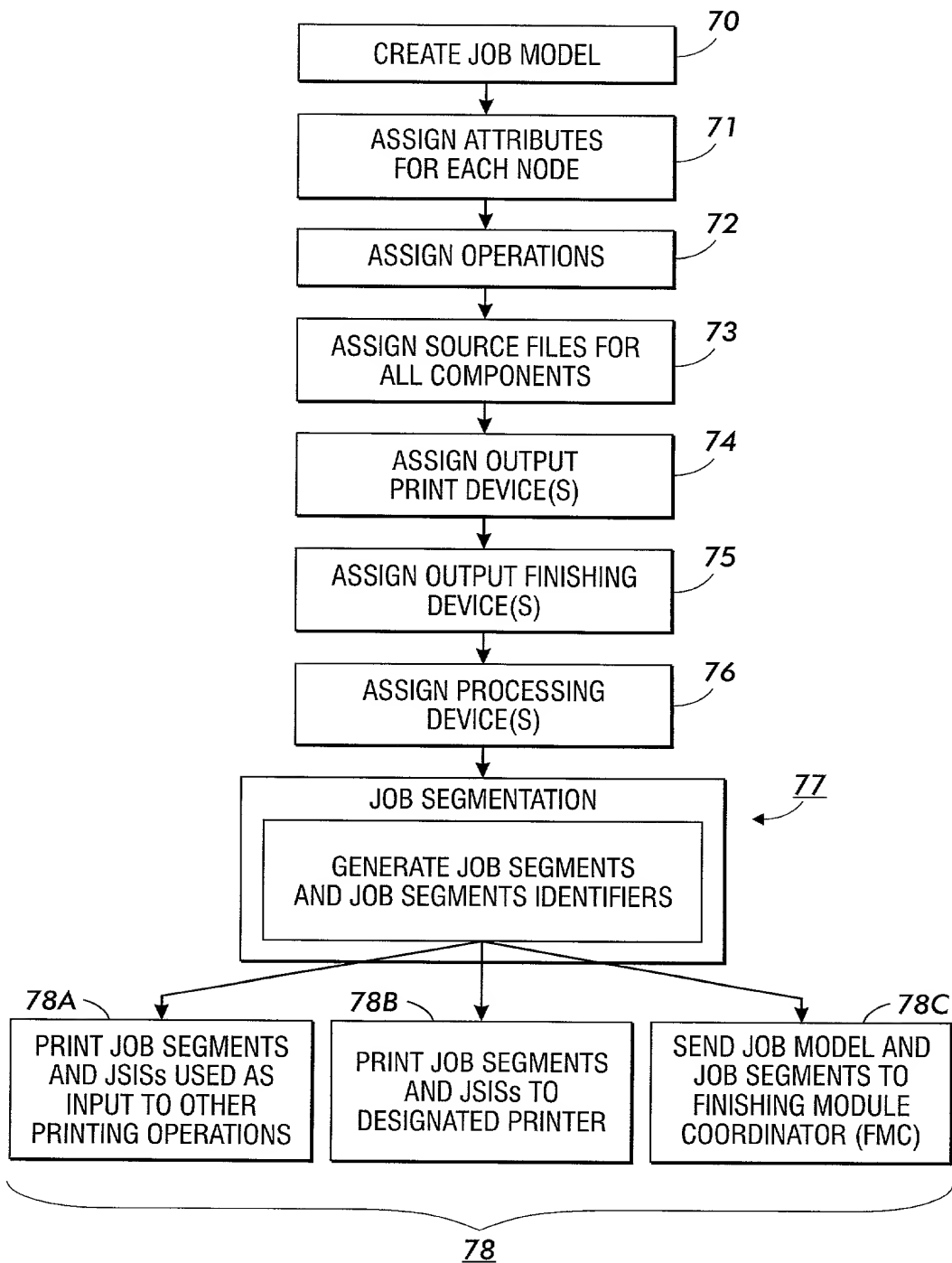


FIG. 8

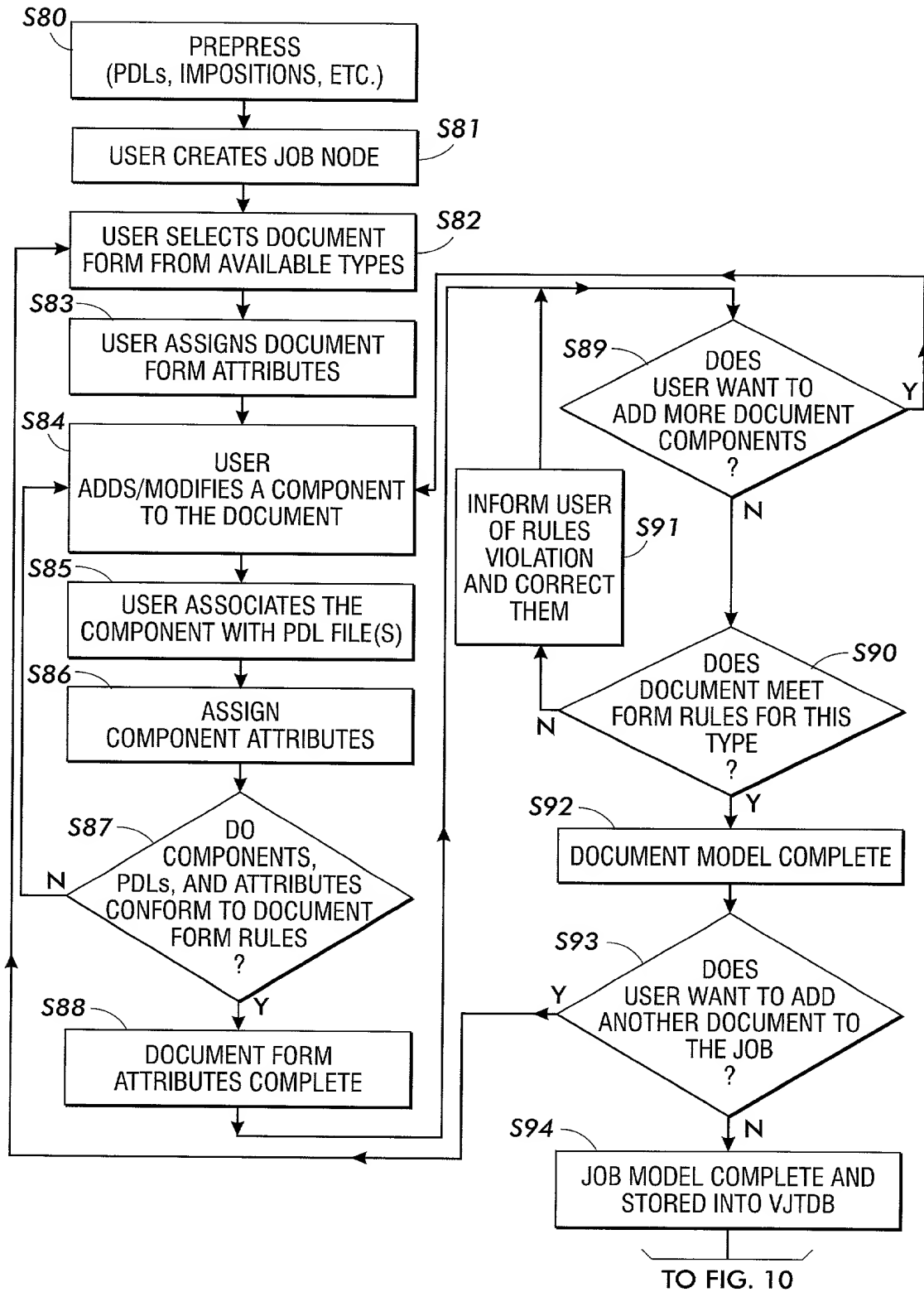
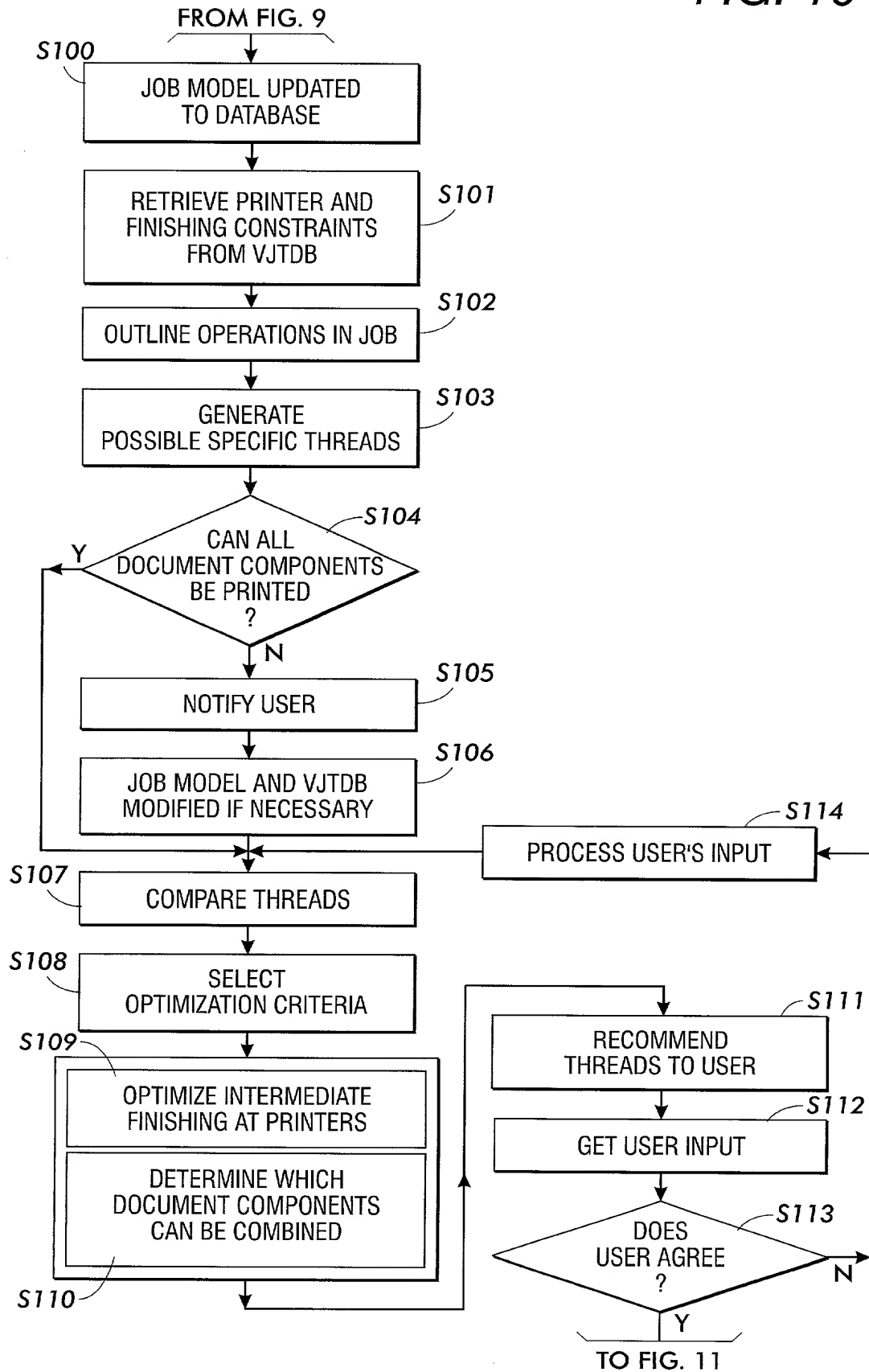


FIG. 9



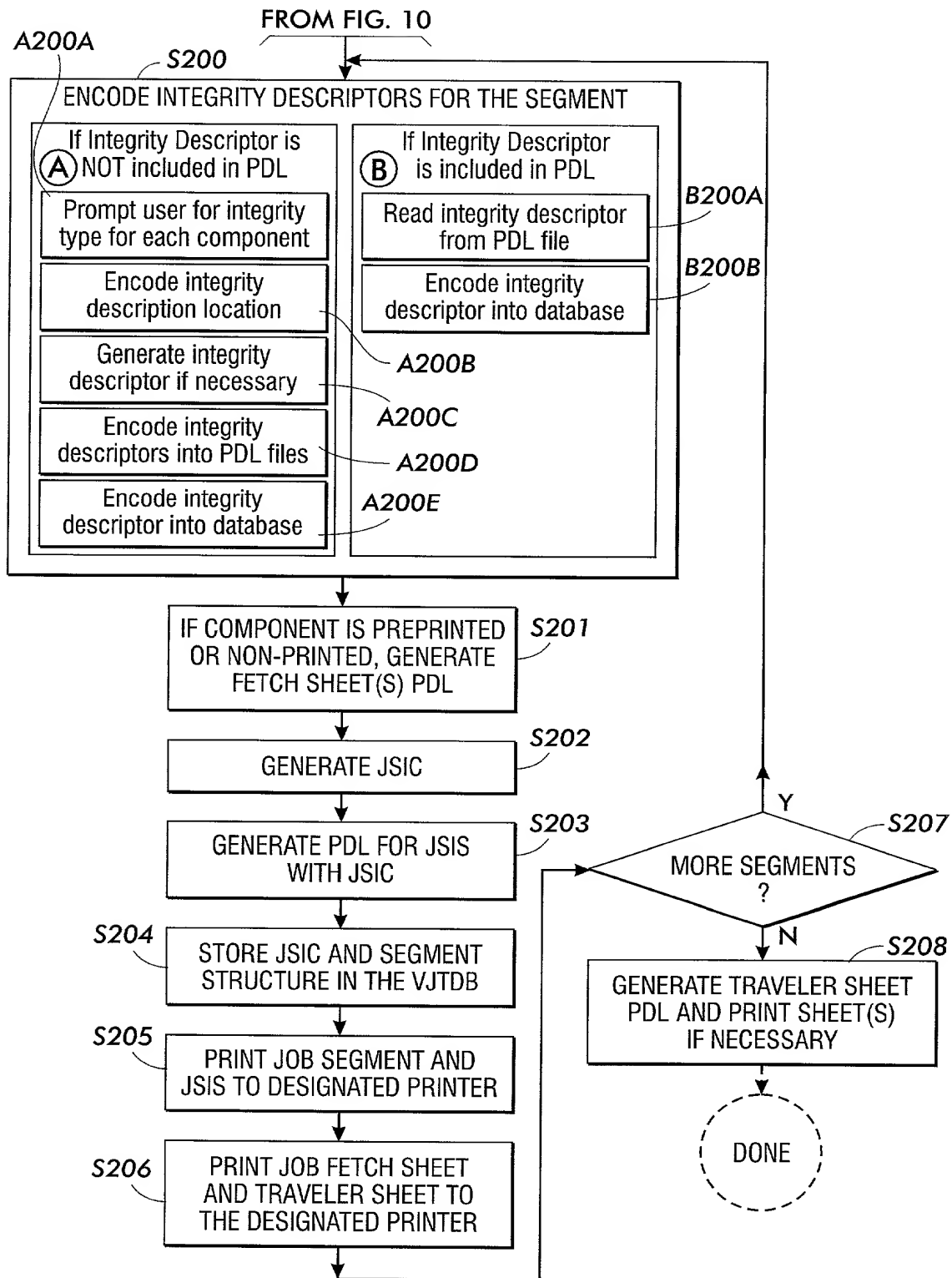


FIG. 11

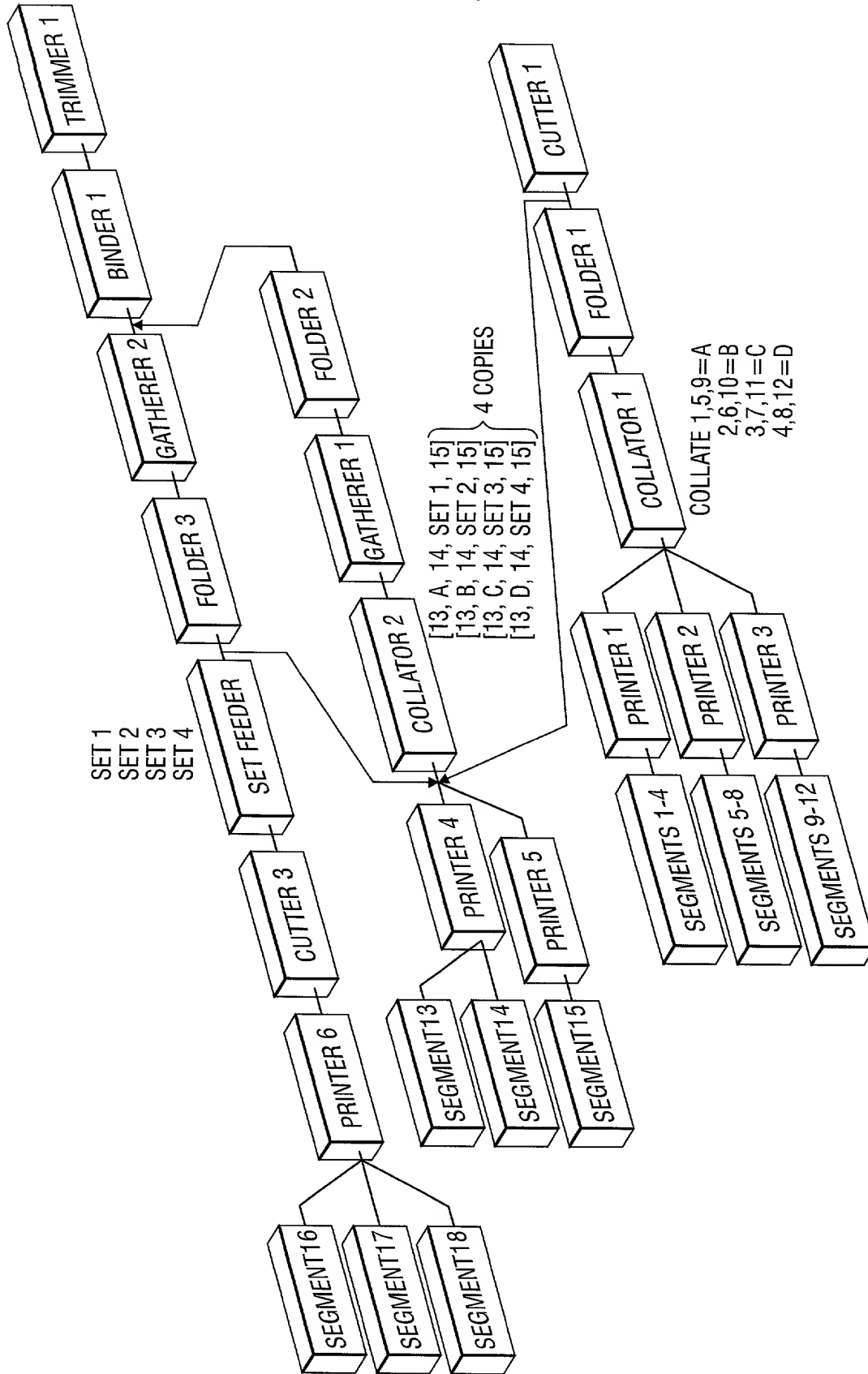


FIG. 12

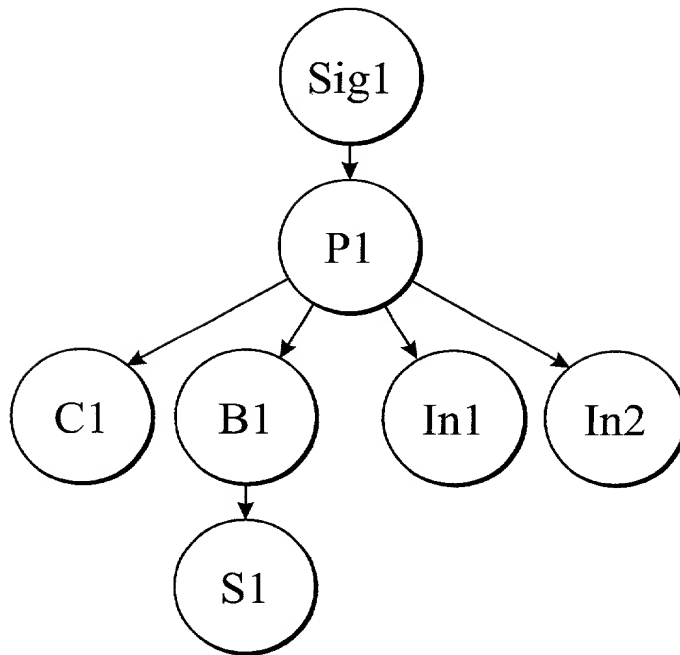
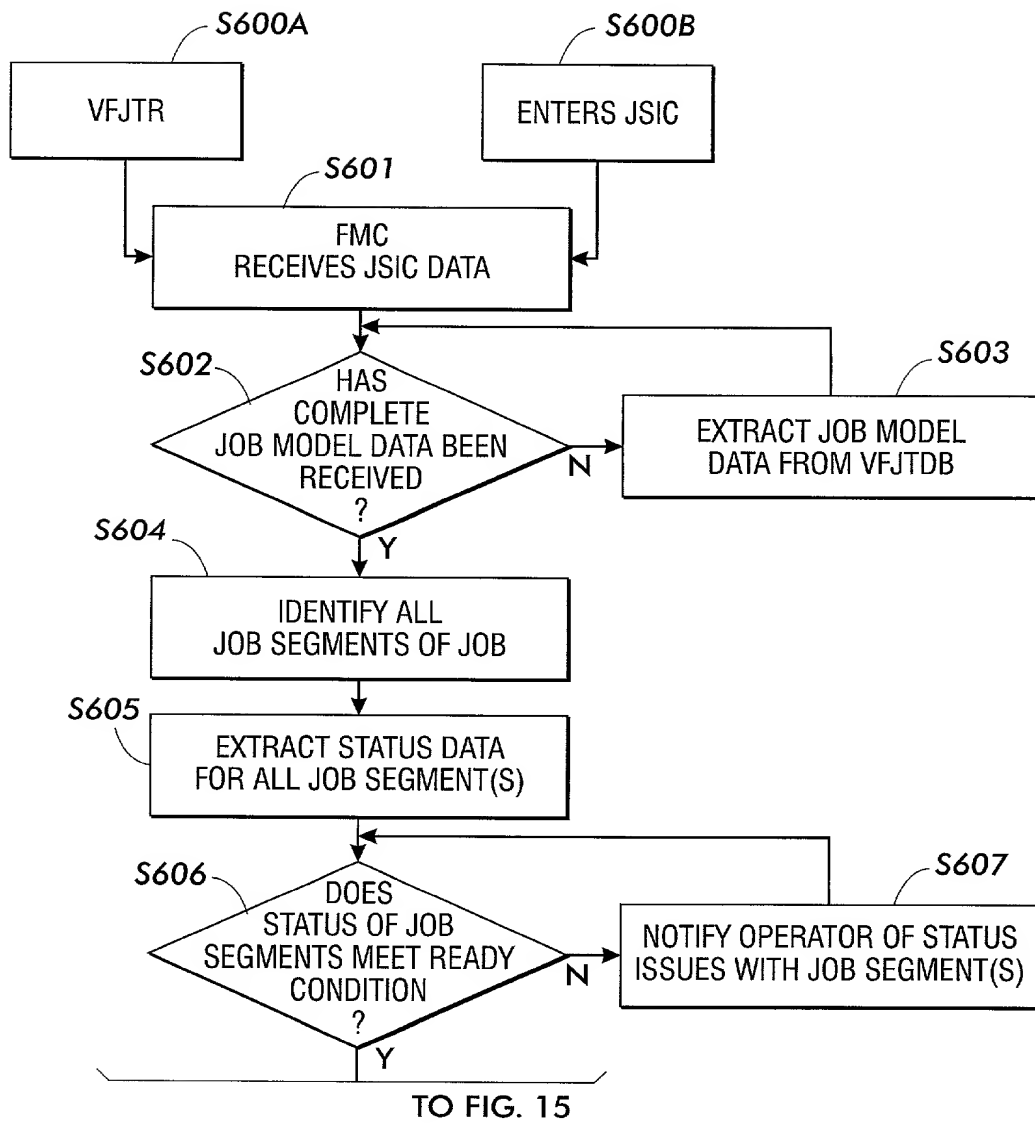
FIG. 13

FIG. 14



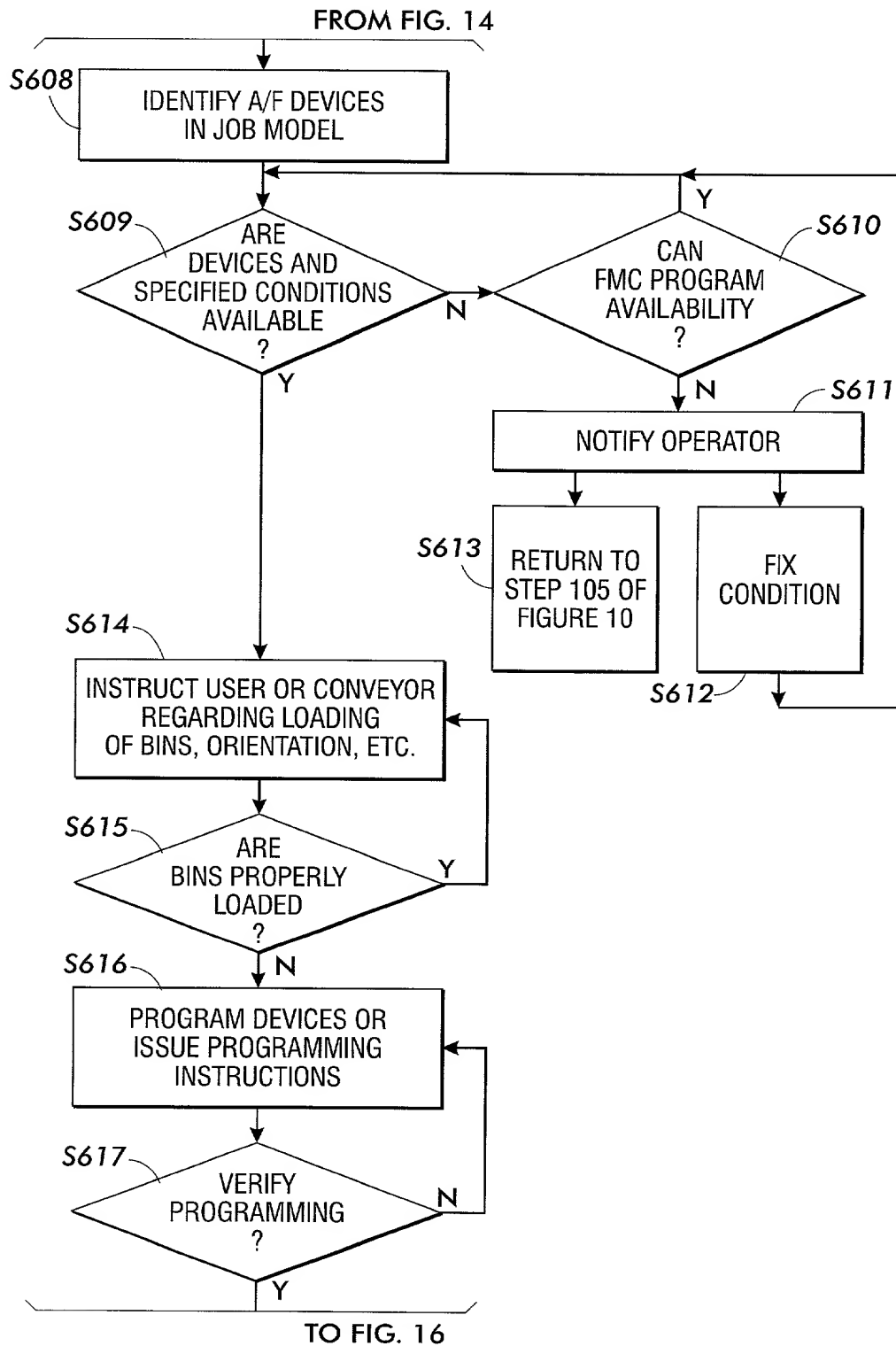


FIG. 15

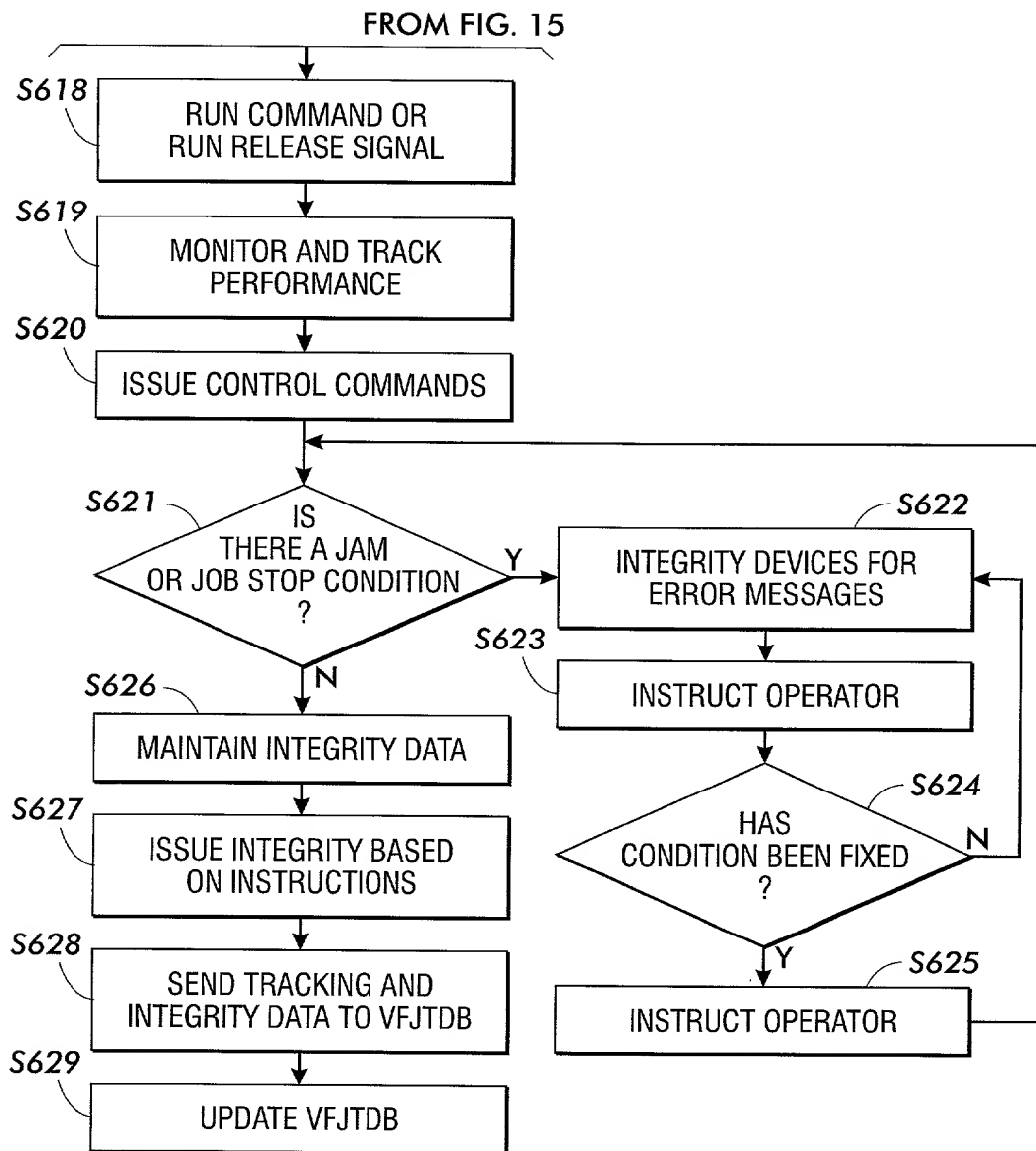
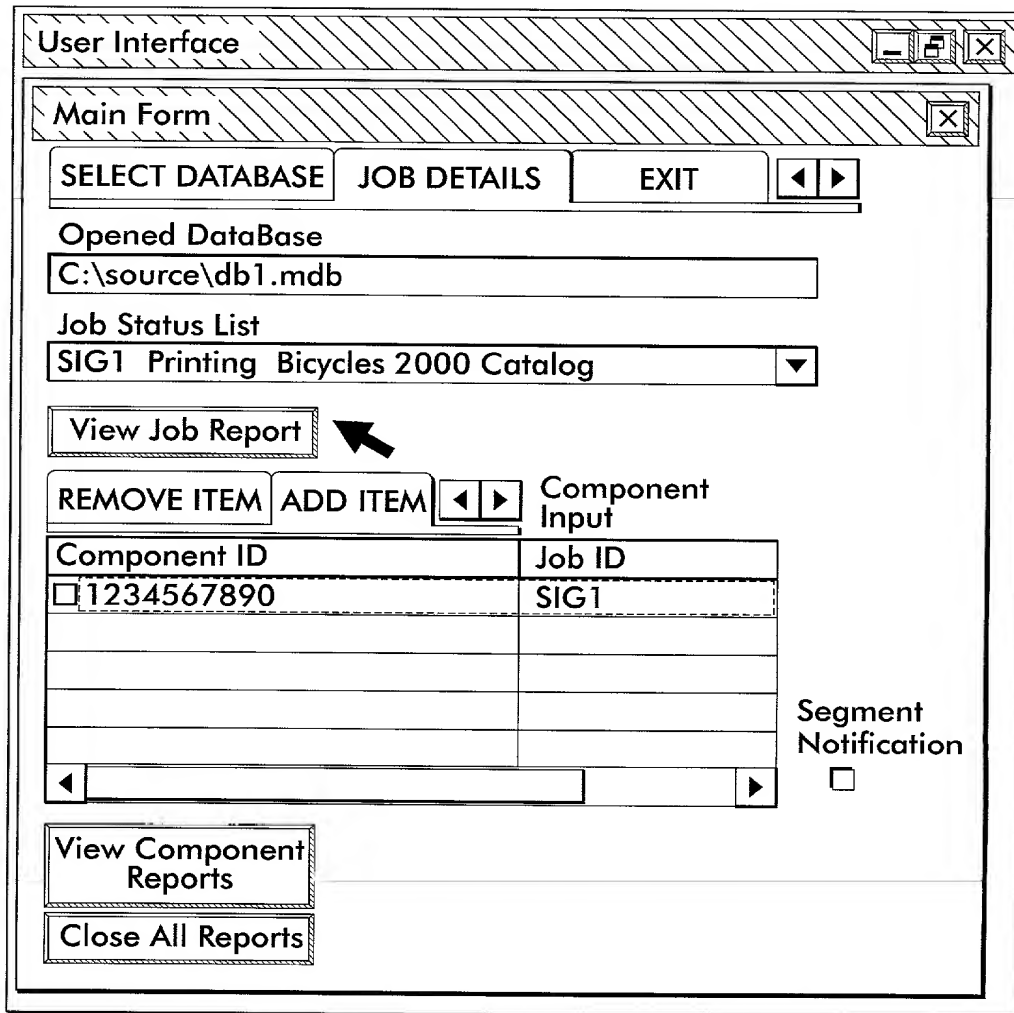


FIG. 16



The screenshot shows a graphical user interface titled "User Interface" containing a "Main Form". The form has a menu bar with "SELECT DATABASE", "JOB DETAILS", and "EXIT", along with navigation arrows. Below the menu bar, the "Opened DataBase" field displays "C:\source\db1.mdb". The "Job Status List" dropdown menu is set to "SIG1 Printing Bicycles 2000 Catalog". A "View Job Report" button is highlighted with a black arrow. Below this are "REMOVE ITEM" and "ADD ITEM" buttons with navigation arrows, followed by a "Component Input" section. This section contains a table with two columns: "Component ID" and "Job ID". The first row of the table shows a checkbox, the value "1234567890", and the value "SIG1". To the right of the table is a "Segment Notification" checkbox. At the bottom of the form are buttons for "View Component Reports" and "Close All Reports".

User Interface

Main Form

SELECT DATABASE JOB DETAILS EXIT

Opened DataBase

C:\source\db1.mdb

Job Status List

SIG1 Printing Bicycles 2000 Catalog

View Job Report

REMOVE ITEM ADD ITEM

Component Input

Component ID	Job ID
<input type="checkbox"/> 1234567890	SIG1

Segment Notification ☐

View Component Reports

Close All Reports

FIG. 17

User Interface

Main Form

SELECT DATABASE

JOB DETAILS

EXIT

Opened DataBase
C:\source\db1.mdb

Job Status List
SIG1 Printing Bicycles 2000 Catalog

View Job Report

REMOVE ITEM

ADD ITEM

Component Input

Component ID

Job ID

☒ 1234567890

SIG1

View Component Reports

Close All Reports

Segment Notification
☐

SIG1

Job Assembly View

SIG1 Bicycles 2000 Catalog

P1 Signature Book Bicycles 2000

C1 Cover for Bicycles Year 2000 Catalog

B1 Stack of collated sets, Alternating Body1 and Body S1 Body 1 Barcoded Set

In2 Insert for Bicycles Year 200 Catalog

B1 Stack of collated sets, Alternating Body1 and Body S1 Body 1 Barcoded Set

In1 Insert for Bicycles Year 200 Catalog

Attributes HEAVY

Bin Selection BIN1

Detailed Component View

BIN	Identifier	Seq.	Status	Quantity
BIN1	1234567890		RECEIVED	20
BIN1	123456789A		PRINTING	30
BIN1	123456789B		PRINTING	50

Run Job

Status

RECEIVED

PRINTING

RECEIVED

PROCESSED

FIG. 18

User Interface

Main Form

SELECT DATABASE JOB DETAILS EXIT

Opened DataBase
C:\source\db 1.mdb

Job Status List
SIG1 Printing Bicycles 2000 Catalog

View Job Report

REMOVE ITEM ADD ITEM

Component ID Job ID
1234567890 SIG1

Component Input

Segment Notification ☐

View Component Reports

Close All Reports

SIG1

Job Assembly View

☒ SIG1 Bicycles 2000 Catalog

☒ P1 Signature Book Bicycles 2000

☒ C1 Cover for Bicycles Year 2000 Catalog

☐ B1 Stack of collated sets, Alternating Body1 and Bod

☐ S1 Body 1 Barcoded Set

☐ In2 Insert for Bicycles Year 2000 Catalog

☐ B1 Stack of collated sets, Alternating Body1 and Bod

☐ S1 Body 1 Barcoded Set

☐ In1 Insert for Bicycles Year 2000 Catalog

Attributes HEAVY Bin Selection BIN1

Detailed Component View

BIN	Identifier	Seq.	Status	Quantity
<input checked="" type="checkbox"/> BIN...	1234567890	1	RECEIVED	20
<input type="checkbox"/> BIN...	123456789A	2	PRINTING	30
<input type="checkbox"/> BIN...	123456789B	3	PRINTING	50

Run Job

FIG. 19

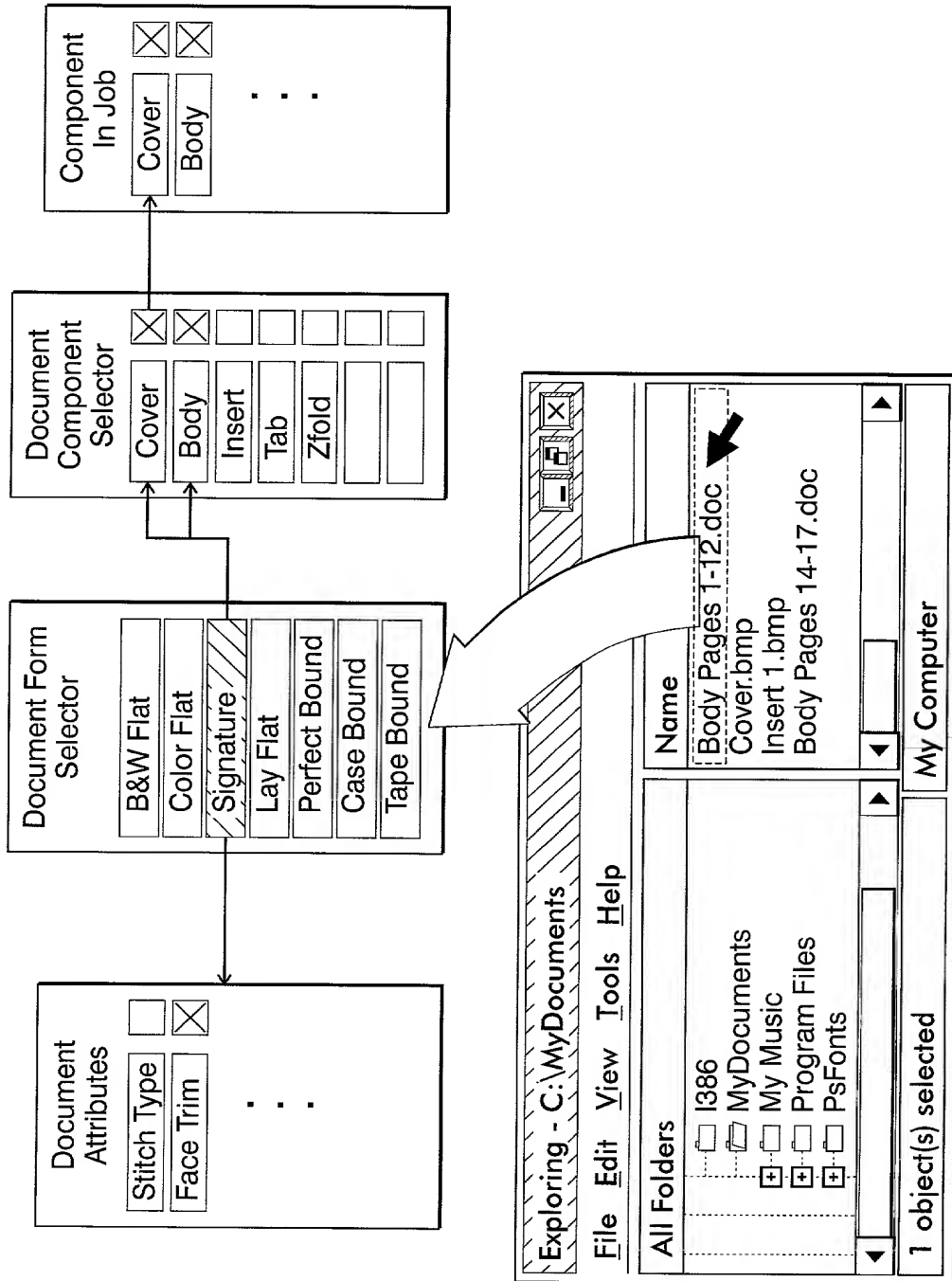


FIG. 20